

*Victoria Losinski, Christina Cipolle, University of Minnesota, St Paul, USA.*

## **Realizing the Transformation of a Profession: The Case Study of the State of Minnesota**

Type of Abstract: Practice implementation

**Aim of Project:** For over fifteen years the pharmacy profession has been changing from a product to a patient centred profession with pharmaceutical care as the standard of practice. These changes have been occurring slowly, but consistently around the world. In the last year, the State of Minnesota experienced a rapid increase in the number of pharmaceutical care practices due to multiple factors. The aim of this project is to identify these factors and explore how they have contributed to changing pharmacy practice.

**Method:** A descriptive analysis of pharmacy practice in the United States, specifically in the State of Minnesota, was completed to identify factors which have led to increasing numbers of pharmaceutical care practices. Further analysis was completed to define how these factors aided pharmaceutical care practice development in the State of Minnesota.

**Result(s):** Three main factors have contributed to pharmacy's accelerated transformation: clearly defined standards of pharmaceutical care practice, accessible web-based pharmaceutical care training, and commercially available pharmaceutical care practice planning tools and resources. Minnesota legislature clearly defined the service and standards of pharmaceutical care practice for pharmacists in the State of Minnesota. This created a framework that pharmaceutical care practitioners could clearly understand and consistently demonstrate each time that they provide care to a patient. Online pharmaceutical care training was introduced to prepare pharmacists to provide pharmaceutical care using the defined standards of practice. This allowed pharmacists to access training regardless of their access to a university setting. Finally, practice development tools including a practice planning guide and documentation and billing system were made commercially available. These tools have helped pharmaceutical care practitioners create a vision for their practice and access the information they need to make it a reality. These three factors have helped Minnesota pharmacists to implement viable pharmaceutical care practices across the state and are currently being used to aid other pharmacists at a state, national, and international level resulting in a collective transformation of the pharmacy profession.